

PI 536645. *Oryza sativa* L. POACEAE Rice

Donated by: Johnson, C.W., Calif. Coop. Rice Res. Fdn., Inc., P.O. Box 306, Biggs, California, United States; and California Agr. Exp. Sta.; and Agricultural Research Service -- USDA. **remarks:** S-301 Rice. Received January 04, 1990.

origin: United States. **origin institute:** Calif. Coop. Rice Res. Fdn., Inc., P.O. Box 306, Biggs, California 95917. **cultivar:** S-301. **pedigree:** SD7/73-221//M7P-1/3/M7P-5. **other id:** 85-Y-502. **other id:** PVP 9000158. **source:** Pending. **group:** PVPO. **other id:** CV-85. **group:** CSR-RICE. **remarks:** Smooth, sparsely awned, semidwarf, weakly photoperiod sensitive, and intermediate maturing short-grain type that produces a more translucent sample (less white/green kernels) and superior whole kernel milled grain (% head) than S-101 and S-201. Seed weight 21.1 grams per 1000 brown rice kernels which is 2% larger than S-201 but 14% smaller than S-201. Good resistance to cool temperatures. Cultivar. Seed.

PI 536646. *Hordeum vulgare* L. POACEAE Barley

Donated by: Baenziger, P.A., Nebraska Agr. Exp. Sta., Dept. of Agronomy, University of Nebraska, Lincoln, Nebraska, United States. **remarks:** Perkins Barley. Received November 15, 1989.

donor id: NE851808. **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Dept. of Agronomy, University of Nebraska, Lincoln, Nebraska 68583. **cultivar:** PERKINS. **pedigree:** F6 selection from NE81713 (F3 derived line from Nebar Selection/Dundy). **other id:** CV-221. **source:** Crop Sci. 30(6):1355 1990. **group:** CSR-BARLEY. **remarks:** Six row, smooth awned feed barley. Spikes erect, moderately dense, and short. Bushel test weight excellent. Straw strength excellent. Moderately resistant to Barley Yellow Dwarf virus. May be susceptible to prevalent races of stem rust found in Nebraska. Winter Annual. Cultivar. Seed.

PI 536647. *X Triticosecale* sp. POACEAE Triticale

Donated by: Baenziger, P.A., Nebraska Agr. Exp. Sta., University of Nebraska, Dept. of Agronomy, Lincoln, Nebraska, United States. **remarks:** Newcale Triticale. Received November 15, 1989.